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23543 7590 03/12/2007

AIR PRODUCTS AND CHEMICALS, INC.  
PATENT DEPARTMENT  
7201 HAMILTON BOULEVARD  
ALLENTOWN, PA 181951501

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Joseph D. Rossi (Depositor's name)  
*Joseph D. Rossi* (Signature)  
June 4, 2007 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/619,922 07/15/2003 Bing Ji 06437 USA 7155

TITLE OF INVENTION: USE OF HYPOFLUORITES, FLUOROPEROXIDES, AND/OR FLUOROTRIOXIDES AS OXIDIZING AGENT IN FLUOROCARBON ETCH PLASMAS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	06/12/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS	06/08/2007 WASFAW2 00000050 010493 10619922
UMEZ ERONINI, LYNETTE T	1765	252-079100	01 FC:1501 02 FC:1504 03 FC:1501 04 FC:1501 05 FC:1501 06 FC:1501 07 FC:1501 08 FC:1501 09 FC:1501 10 FC:1501 11 FC:1501 12 FC:1501 13 FC:1501 14 FC:1501 15 FC:1501 16 FC:1501 17 FC:1501 18 FC:1501 19 FC:1501 20 FC:1501 21 FC:1501 22 FC:1501 23 FC:1501 24 FC:1501 25 FC:1501 26 FC:1501 27 FC:1501 28 FC:1501 29 FC:1501 30 FC:1501 31 FC:1501 32 FC:1501 33 FC:1501 34 FC:1501 35 FC:1501 36 FC:1501 37 FC:1501 38 FC:1501 39 FC:1501 40 FC:1501 41 FC:1501 42 FC:1501 43 FC:1501 44 FC:1501 45 FC:1501 46 FC:1501 47 FC:1501 48 FC:1501 49 FC:1501 50 FC:1501 51 FC:1501 52 FC:1501 53 FC:1501 54 FC:1501 55 FC:1501 56 FC:1501 57 FC:1501 58 FC:1501 59 FC:1501 60 FC:1501 61 FC:1501 62 FC:1501 63 FC:1501 64 FC:1501 65 FC:1501 66 FC:1501 67 FC:1501 68 FC:1501 69 FC:1501 70 FC:1501 71 FC:1501 72 FC:1501 73 FC:1501 74 FC:1501 75 FC:1501 76 FC:1501 77 FC:1501 78 FC:1501 79 FC:1501 80 FC:1501 81 FC:1501 82 FC:1501 83 FC:1501 84 FC:1501 85 FC:1501 86 FC:1501 87 FC:1501 88 FC:1501 89 FC:1501 90 FC:1501 91 FC:1501 92 FC:1501 93 FC:1501 94 FC:1501 95 FC:1501 96 FC:1501 97 FC:1501 98 FC:1501 99 FC:1501 100 FC:1501

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list:  
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Rosaleen P. Morris-Oskanian

2 Joseph D. Rossi

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## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

AIR PRODUCTS AND CHEMICALS, INC.

ALLENTOWN, PENNSYLVANIA, USA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

## 4a. The following fee(s) are submitted:

- ☒ Issue Fee  
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## 5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Joseph D. Rossi

Date

June 4, 2007

Typed or printed name

Registration No.

47038

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